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This request revision is contained in a delivery and is frozen. Changes must be saved as a new revision.

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| | | |
|-----------------------|---|-----------------------------|
| ID: | RSS_198EA_SCE10006_RSS | |
| Title: | Solar Conjunction Experiment (SCE) #10 | Revision: 2 |
| Rev Created: | 21 Mar 2013, 14:57, by Anabtawi, Aseel | Priority: 2 |
| Updated: | | Comments: 0 |
| Start Time: | 2013-305T06:45:00 GMT | |
| Pre Start Tolerance: | 000T00:00:00 | |
| Post Start Tolerance: | 000T00:00:00 | |
| Duration: | 000T08:15:00 | |
| End Time: | 2013-305T15:00:00 GMT | |
| Change: | Revision1 Update | |
| Change Justification: | Revision1, 3/21/13, Update: Change from DSS-55/RSSK to DSS-63/RSS2, per email from Kelly. -Aseel | |
| Visibility: | Public | |
| SPASS Type: | SPASS Rider (Collaborative: No) | |
| Group Filter: | MAPS | |
| Contact Info: | Aseel Anabtawi, 393-1073 | |
| Description: | Characterize the solar corona at 2 frequency bands (X and Ka or X and S, depending on DSN antenna used for downlink), and assess the electron content and possible Faraday rotation, during the solar conjunction period. | |
| | DSS-63 required for X- and S-band supports. | |

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| Pointing Information | | | |
|----------------------------|------------------------------|----------------------------|--------------------------|
| Pointing: | XBAND to Earth | | |
| Agreement: | | | |
| Primary Pointing: | XBAND to Earth | | |
| Secondary Pointing: | PIC | | |
| Resources | | | |
| Sequence Type: | Background | SSR Data Class: | Normal |
| Op Mode: | RSS2/RWA | Telem Mode: | - |
| Power (watts): | 41.7 | Est CDS Words: | 200 |
| Rate Multiplier: | | APGEN Rate: | 0 |
| Effective Rate: | 0 bps | Data Volume: | 0 x 10 ⁶ bits |
| Frames: | | Bits Per Frame: | |
| Team Consumables: | SBT on at start; off at end. | | |
| IEB Text: | | | |
| Apgen Fields | | | |
| Activity Type: | RSS_Activity | | |
| Attributes | | Parameters | |
| Legend: | RSS | CDSWords: | 200 |
| Duration: | 000T08:15:00 | Power: | 41.7 |

| | | | |
|---|---|---------------|--------|
| Color: | Khaki | SSRDataClass: | Normal |
| Pattern: | 0 - Solid Color | | |
| Description: | see above | | |
| | | | |
| Green items are request fields shown here for clarity | | | |
| Support and Other Descriptive Information | | | |
| Liens: | | | |
| Waivers: | | | |
| RTC: | | | |
| FSW Loads: | | | |
| ITL Request: | | | |
| Special DSN Requirements: | DSS-63 required to obtain X- and S-band downlink data. | | |
| Special Requirements: | This activity will need to start with the RSS S-band frequency Opmode (RSS2, SLOW an option). IO-RS Ops should be consulted, along with the integrated and approved activities TOL, before SASF generation. | | |
| Support Imaging Required: | | | |
| Document References: | | | |
| As Flown: | | | |
| SASF Fields | | | |
| Processor: | | | |
| Key: | | | |
| Workgroup: | | | |
| Status: | | | |
| Upper Label: | | | |
| Lower Label: | | | |
| Edit Group: | | | |
| Request State: | | | |

Associated Observations

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| Last Updated | Observation | Rev | Cmts |
|--------------|-------------|-----|------|
| | | | |

Associated External Files

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| File Name | Relative Path | Last Modified | File Size |
|-----------|---------------|---------------|-----------|
| | | | |

Steps

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| Type | Label | Name | Offset | Off-Type |
|------|-------|------|--------|----------|
| | | | | |